PRODUCT INFORMATION

Bimeda®

BIMECTIN PASTE 1's

Ivermectin 18.7mg/g

INDICATIONS

Bimectin is indicated for the treatment of nematode or arthropod infestations in horses due to:

- Large strongyles
- Small Strongyles
- Lungworms (adult and immatures)
- Pinworms (adult and immatures)
- Ascarids (adults and third & fourth stage larvae)
- Hairworms (adults)
- Large-mouth stomach worms (adults)
- Neck threadworms (microfilariae)
- Intestinal threadworms (adults)
- Stomach bots (oral and gastric stages)
- Ivermectin is not effective against the encysted larval stages of the small strongyles

BENEFITS

- Gel formulation for ease of dose and absorption
- Apple flavoured for exceptional palatability
- Calibrated syringe for accurate dosage
- Broad spectrum ivermectin anthelmintic and boticide
- Proven safe in horses of all ages
- Broad spectrum activity agaist a wide range of debilitating and performance depriving parasites

PACKAGING

LIST NO.	UNIT PACKAGE	CASE SIZE
1BIM105	6.42g	24

See reverse side for Administration and Dosage.

Bimeda®
Bryn Cefni Industrial Park,
Llangefni, Anglesey,
Wales, LL777XA
UK +44 (0) 800 526769

TECHNICAL INFORMATION

BIMECTIN HORSE PASTE

Ivermectin 18.7mg/g

PRESENTATION
A yellow gel –like paste of uniform consistency that contains Ivermectin 1.87%w/v.

TARGET SPECIES
Horses

INDICATIONS FOR USE, SPECIFYING THE TARGET SPECIES
Bimectin Horse Paste is indicated for the treatment nematode or arthropod infestations in horses due to:
Large Strongyles: *Strongylus vulgaris* (adults and 4th larval [arterial] stages),
S. edentatus (adults & 4th larval [tissue] stages), *S. equinus* (adults),
Triodontophorus spp. (adults),
Triodontophorus brevicauda,
Triodontophorus serratus.
Small Strongyles: Adult and immatures (fourth stage larvae) small strongyles or cyathostomes unless otherwise stated.
Ivermectin is not effective against the encysted larval stages of the small strongyles.:
Coronocyclus spp., *Cyathostomum* spp., *Cylicocyclus* spp., *Cylicostephanus* spp., *Cylicodontophorus* spp., , *Parapoteriostomum* spp.,
Petrovinema spp., *Poteriostomum* spp.
Lungworms (adult and inhibited fourth stage larvae): *Dictyocaulus arnfieldi*
Pinworms (adult and inhibited fourth stage larvae): *Oxyuris equi*
Ascarids (adults and third & fourth stage larvae): *Parascaris equorum*
Hairworms (adults): *Trichostrongylus axei*
Large-mouth stomach worms (adults): *Habronema muscae*
Neck threadworms (microfilariae): *Onchocerca* spp.
Intestinal threadworms (adults): *Strongyloides* westeri
Stomach bots Oral and gastric stages of *Gasterophilus* spp.

CONTRAINDICATIONS
None.

SPECIAL WARNINGS FOR TARGET SPECIES
Care should be taken to avoid the following practices because they increase the risk of development of resistance and could ultimately result in ineffective therapy:
· Too frequent and repeated use of anthelmintics from the same class, over an extended period of time.
· Underdosing, which may be due to underestimation of body weight, misadministration of the product or lack of calibration of the dosing device (if any).
Suspected clinical cases of resistance to anthelmintics should be further investigated using appropriate tests (e.g. Faecal Egg Count Reduction Test). Where the results of the tests(s) strongly suggest resistance to a particular anthelmintic, an anthelmintic belonging to another pharmacological class and having a different mode of action should be used.

Resistance to ivermectin (an avermectin) has been reported in Parascaris equorum in horses in a number of countries, including the EU. Therefore, the use of this product should be based on local (regional, farm) epidemiological information about susceptibility of nematodes and recommendations on how to limit further selection for resistance to anthelmintics.

SPECIAL PRECAUTIONS FOR USE
i. Special precautions for use in animals
Special warning for non-target species: The product has been formulated for use in horses only. Cats, Dogs, especially Collies, Old English Sheepdogs and related breed or crosses, and also turtles and tortoises may be adversely affected by the concentration of ivermectin in this product if they are allowed to ingest spilled paste or have access to used syringes.
Parasite resistance to any particular class of anthehelminthic may develop following frequent, repeated use of an anthehelminthic of that class.

(ii) Special precautions to be taken by the person administering the veterinary medicinal product to animals
Do not eat, drink or smoke while handling the product.
Avoid contact with skin and eyes.
If accidental skin contact occurs, wash the affected area immediately with soap and water. If accidental eye exposure occurs, flush the eyes immediately with water and, if necessary, get medical attention.
Wash hands after use.

ADVERSE REACTIONS (FREQUENCY AND SERIOUSNESS)
Some horses carrying heavy infection of Onchocerca microfilariae have experienced oedema and pruritus following dosing, assumed to be the result of death of large numbers of microfilariae. These signs resolve within a few days but symptomatic treatment may be advisable.

USE DURING PREGNANCY AND LACTATION
Some horses carrying heavy infection of Onchocerca microfilariae have experienced oedema and pruritus following dosing, assumed to be the result of death of large numbers of microfilariae. These signs resolve within a few days but symptomatic treatment may be advisable.

INTERACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION
The effects of GABA agonists are increased by ivermectin.

AMOUNTS TO BE ADMINISTERED AND ADMINISTRATION ROUTE
Administer orally as a single dose rate to horses at the recommended dose level of 0.2mg ivermectin per kilogram of bodyweight. Each syringe delivers 120mg ivermectin, sufficient to treat 600kg of bodyweight.
To ensure administration of a correct dose, body weight should be determined as accurately as possible; accuracy of the dosing device should be checked.
If animals are to be treated collectively rather than individually, they should be grouped according to their bodyweight and dosed accordingly, in order to avoid under- or over-dosing.
This is a single dose product. Discard after use.

Dosing Instructions:
Each weight marking on the syringe plunger will deliver sufficient paste to treat 100kg bodyweight. Unlock the knurled ring by making a quarter turn and slide the knurled ring up the plunger shaft so that the side nearest the barrel is at the prescribed weight marking. Turn the knurled ring a quarter turn to lock in place. Make sure the horse's mouth contains no feed.
Remove the plastic cap from the tip of the nozzle. Insert the syringe into the horse's mouth at the interdental space. Advance the plunger as far as it will go, depositing the medication on the base of the tongue. Immediately raise the horse's head for a few seconds after dosing.

The treatment schedule should be based on the local epidemiological situation.

OVERDOSE (SYMPTOMS, EMERGENCY PROCEDURES, ANTIDOTES), IF NECESSARY
Mild transitory signs (slowed pupillary light response and depression) have been seen at a dose of 1.8mg/kg (9 times the recommended dose level). Other signs seen at higher doses includes mydriasis, ataxia, tremors, stupor, coma and death. The less severe signs have been transitory. No antidote has been identified; however, symptomatic therapy may be beneficial.

WITHDRAWAL PERIOD(S)
Meat and offal 34 days
Do not use in mares producing milk for human consumption.

INCOMPATIBILITIES
None known.

SHELF LIFE
Shelf-life of the veterinary medicinal product as packaged for sale: 2 years.

SPECIAL PRECAUTIONS FOR STORAGE
To be used immediately after first opening of the oral syringe.
Protect from light.

NATURE AND COMPOSITION OF IMMEDIATE PACKAGING
White, disposable, high-density polyethylene syringe barrel, plunger and multidose ring with low density polyethylene seal, with low-density push-fit polyethylene cap containing 6.42 g of product.

SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED VETERINARY MEDICINAL PRODUCT OR WASTE MATERIALS DERIVED FROM THE USE OF SUCH PRODUCTS IF APPROPRIATE

EXTREMELY DANGEROUS TO FISH AND AQUATIC LIFE. Do not contaminate surface waters or ditches with product or used containers.
Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal products should be disposed of in accordance with local requirements.

MARKETING AUTHORISATION HOLDER
Bimeda Chemicals Ltd., Broomhill Road, Tallaght, Dublin 24. Ireland.

MARKETING AUTHORISATION NUMBER
Vm 12597/4042

LEGAL CATEGORY
POM-VPS

PACKAGE QUANTITIES
Single Syringe

A full product SPC is available on request from Bimeda or alternatively can be found on the VMD website

TAKE TIME OBSERVE LABEL DIRECTIONS

www.bimeda.com